AUS920011009US1 PATENT

IN THE CLAIMS

Please amend the claims as follows:

1	1. (original) A method for producing a stereoscopic image from a display having N
2.	addressable pixels comprising the steps of:
3	generating N pixels of a first frame of an image directed to a view of an object a
4	user experiences when said object is observed by said viewer's right eye;
5	generating N pixels of a second frame of said image directed to a view of said
6	object a user experiences when said object is observed by said viewer's left eye;
7	receiving light from said N pixels in N optical elements for selectively directing
8	light of said N pixels to said right eye in response to a first set of states of N
9	corresponding control signals and to said left eye in response to a second set of states of
10	said N control signals;
11	directing light from each of said N pixels of said first frame of said image to said
12	right eye in a first time period by applying said first set of states of said N control signals
13	to said N optical elements; and
14	directing light from said N pixels of said second frame of said image to said left
15	eye in a second time period by applying said second set of states of said N control signals
16	to said N optical elements.
1	2. (original) The method of claim 1, wherein said first and second time periods
2	corresponds to one half the period of a frame rate such that said first and second frames
3	of said image of said object appear as a stereoscopic image to said viewer.
1	3. (original) The method of claim 1 further comprising the step of:
2	selectively biasing said first and second sets of states of said N control signals to
3	optimize said stereoscopic image perceived by said viewer.
1	4. (original) The method of claim 1 further comprising the step of:
2	selectively adjusting biases of said first and second set of states to compensate for
3	variations in said display.

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1	5. (currently amended) The method of claim 1, wherein each of said N optical elements
2	for selectively directing light of said N pixels of said image comprises:
3	a prism/[[lense]]lens element oriented over each of said N pixels and coupled to a
4	piezoelectric element for modifying an orientation of said prism/[[lense]]lens element
5	relative to each corresponding pixel of said display in response to one of said N control
6	signals.
1	6. (currently amended) The method of claim 1, wherein said optical element for
2	selectively directing light of said N pixels of said image comprises:
3	a prism/[[lense]]lens element oriented over each of said N pixels and coupled to
4	an electrostatic element for modifying an orientation of said prism/[[lense]]lens element
5	relative to a pixel of said display in response to one said N control signals.
1	7. (currently amended) The method of claim 5, wherein said piezoelectric element
2	operates to bend a beam coupled to said prism/[[lense]]lens element.
1	8. (currently amended) The method of claim 6, wherein said electrostatic element bends
2	a beam coupled to said prism/[[lense]]lens element.
1	9. (currently amended) The method of claim 5, wherein said piezoelectric element
2	rotates said prism/[[lense]]lens element around a torsional support beam.
1	10. (currently amended) The method of claim 6, wherein said electrostatic element
2	rotates said prism/[[lense]]lens element around a torsional support beam.

Claims 11-54 (previously canceled)